

METHOD FOR CONTROLLING SWITCHING IN BIDIRECTIONAL
LINE-SWITCHED RING

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ABSTRACT OF THE DISCLOSURE

10 A method for controlling switching in a
bidirectional line-switched ring network configured by a
plurality of optical fibers and a plurality of nodes, (i)
having a first node receive as input an LP-S (or having
the first node detect an SF-P) and having a second node
adjacent to the first node across a span receive the LP-S
15 (or receive the SF-P), and (ii) having the second node
send an SF-R switch request to another node when the
second node further detects an SF-R on said span under
the above state (i), whereby a method for controlling
switching in a bidirectional line-switched ring under
20 conditions where ring switch and LP-S cannot co-exist,
but ring switch and SF-P can, is realized, as a whole, in
the ring network.